


 National Transportation Safety Board <b>FACTUAL REPORT</b> AVIATION		NTSB ID: DCA06MA010		Aircraft Registration Number: N2969	
		Occurrence Date: 12/19/2005		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Miami	State FL	Zip Code	Local Time 1439	Time Zone EST	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 3			
Aircraft Information Summary					
Aircraft Manufacturer Grumman		Model/Series G-73T		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>*** Note: NTSB investigators traveled in support of this investigation and used data obtained from various sources to prepare this aircraft accident report. ***</p> <p>The Safety Board's full report is available at <a href="http://www.nts.gov/publictn/publictn.htm">http://www.nts.gov/publictn/publictn.htm</a>. The Aircraft Accident Report number is NTSB/AAR-07/04.</p> <p>On December 19, 2005, about 1439 eastern standard time, a Grumman Turbo Mallard (G-73T) amphibious airplane, N2969, operated by Flying Boat, Inc., doing business as Chalk's Ocean Airways flight 101, crashed into a shipping channel adjacent to the Port of Miami, Florida, shortly after takeoff from the Miami Seaplane Base (X44). Flight 101 was a regularly scheduled passenger flight to Bimini, Bahamas, with 2 flight crewmembers and 18 passengers on board. The airplane's right wing separated during flight. All 20 people aboard the airplane were killed, and the airplane was destroyed. Flight 101 was operating under the provisions of 14 Code of Federal Regulations Part 121 on a visual flight rules flight plan. Visual meteorological conditions prevailed at the time of the accident.</p> <p>On the day of the accident, the accident flight crew flew the airplane from Fort Lauderdale/Hollywood International Airport (FLL) in Fort Lauderdale, Florida, to X44 as Chalk's Ocean Airways flight 110. According to the flight log, the airplane departed FLL about 1305 and landed at X44 about 1321.</p> <p>The airplane departed X44 on the accident flight about 1438 and crashed into the water about 1 minute later. Of about 15 witnesses interviewed, most reported that the airplane's right wing separated from the rest of the airplane in flight, that smoke or fire came from the wing or a fireball in the sky, and that the airplane subsequently descended into the water. About one-half of these witnesses reported that they heard an explosion associated with the wing separation.</p> <p>Most of the wreckage was located in about 30 feet of water. Lifeguards who patrolled Miami Beach on foot and on jet skis were the first to respond to the accident scene. Miami emergency dispatch notified the Miami Coast Guard and the Miami Beach Police Department by telephone about the accident. The Miami Coast Guard log showed that the Miami Coast Guard launched an HH-65 helicopter to the accident scene about 7 minutes after receiving notification of the accident and began recovery efforts about 6 minutes afterward.</p>					
FACTUAL REPORT - AVIATION					

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<b>Landing Facility/Approach Information</b>						
Airport Name Miami Seaplane Base		Airport ID: X44	Airport Elevation 0 Ft. MSL	Runway Used NA	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown: Unknown						
VFR Approach/Landing: Unknown						
<b>Aircraft Information</b>						
Aircraft Manufacturer Grumman		Model/Series G-73T		Serial Number J27		
Airworthiness Certificate(s): Normal; Transport						
Landing Gear Type: Retractable - Amphibian; Hull; Tailwheel						
Amateur Built Acft? No		Number of Seats: 17		Certified Max Gross Wt. 14100 LBS	Number of Engines: 2	
Engine Type: Turbo Prop		Engine Manufacturer: Pratt & Whitney Canada		Model/Series: PT6		Rated Power: 550 HP
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 11/2005	Time Since Last Inspection 11 Hours		Airframe Total Time 31226.3 Hours	
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?/Type Yes /		ELT Operated? No		ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>						
Registered Aircraft Owner  Seaplane Adventures LLC		Street Address				
		City		State CT	Zip Code	
Operator of Aircraft  FLYING BOAT INC		Street Address				
		City  Fort Lauderdale		State FL	Zip Code	
Operator Does Business As: Chalks Ocean Airways				Operator Designator Code: FVYA		
<b>- Type of U.S. Certificate(s) Held:</b>						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Scheduled; International; Passenger Only						
<div style="text-align: center;">FACTUAL REPORT - AVIATION</div> <div style="text-align: right;">Page 2</div>						

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First Pilot Information																																																																																													
Name On File		City		State	Date of Birth Age 37																																																																																								
Sex: F	Seat Occupied: Left	Occupational Pilot?		Certificate Number:																																																																																									
Certificate(s): Airline Transport; Flight Instructor																																																																																													
Airplane Rating(s): Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea																																																																																													
Rotorcraft/Glider/LTA:																																																																																													
Instrument Rating(s): Airplane																																																																																													
Instructor Rating(s): Airplane Single-engine																																																																																													
Current Biennial Flight Review? 08/2005																																																																																													
Medical Cert.: Class 1		Medical Cert. Status:		Date of Last Medical Exam: 09/2005																																																																																									
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual      Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>2830</td> <td>1630</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>1330</td> <td>430</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>203</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>85</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual      Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	2830	1630									Pilot In Command(PIC)	1330	430									Instructor											Instruction Received											Last 90 Days	203										Last 30 Days	85										Last 24 Hours	3									
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? Yes																																																																																							
Flight Plan/Itinerary																																																																																													
Type of Flight Plan Filed: VFR																																																																																													
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																																								
Same as Accident/Incident Location			X44	1435	EST																																																																																								
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Type of Clearance: Unknown																																																																																													
Type of Airspace:																																																																																													
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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
mia			Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition: Thin Overcast			2500 Ft. AGL		Condition of Light:
Lowest Ceiling:			Ft. AGL	Visibility: 7 SM	Altimeter: "Hg
Temperature: 22 °C	Dew Point: °C		Weather Conditions at Accident Site: Visual Conditions		
Wind Direction:		Wind Speed:		Wind Gusts:	
Visibility (RVR): Ft.		Visibility (RVV) SM			
Precip and/or Obscuration:					

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire: In-flight		Aircraft Explosion In-flight	


- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot	1				1	
Second Pilot	1				1	
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers	18				18	
- TOTAL ABOARD -	20				20	
Other Ground						
- GRAND TOTAL -	20				20	

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FACTUAL REPORT - AVIATION	Page 4
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Administrative Information		
Investigator-In-Charge (IIC) William English		
Additional Persons Participating in This Accident/Incident Investigation:  Dan Diggins AAI-100		
<div>FACTUAL REPORT - AVIATION</div> <div>Page 5</div>		